Grendahl					
[54]	RADIALLY SEGEMENTED ZONE OF FOCUS ARTIFICIAL HYDROGEL LENS				
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[*]	Notice:	The portion of the term of this patent subsequent to Jan. 17, 2006 has been disclaimed.			
[21]	Appl. No.:	258,029			
[22]	Filed:	Oct. 17, 1988			
Related U.S. Application Data					
[63]	Continuation-in-part of Ser. No. 88,249, Aug. 24, 1987, Pat. No. 4,798,609.				
	U.S. Cl				
[56]	References Cited				
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United States Patent [19]

[11] Patent Number:

4,921,496

[45] Date of Patent:

* May 1, 1990

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FOREIGN PATENT DOCUMENTS						
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[57]		ABSTRACT				
An implantal	ole or co	ontact hydrogel lens for re	place-			

An implantable or contact hydrogel lens for replacement of a defective natural lens in an eye in which various portions of the lens have different powers and focal lengths to produce in-focus images on different portions of the retina of objects which are located at various distances from the eye, thereby substituting for the natural focusing action of the eye. The image processing capability of the brain functions to largely ignore the out-of-focus images and concentrate on the in-focus image of the object selected by the brain for consideration.

18 Claims, 17 Drawing Sheets

